PAPER RECEIPTO 06 MAR 2006



PCT

Docket No.: A0345.0015

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Olivier Bezencon et al.

Application No.: 10/554,702

Filed: October 27, 2005

For: NOVEL 9-AZABICYCLONONENE

DERIVATIVES WITH A HETEROATOM AT

THE 3-POSITION

Confirmation No.: @@@

Art Unit: N/A

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Timing of Filing of the Information Disclosure Statement:

\boxtimes	This IDS is being filed before the First Office Action.
	This IDS is being filed after the issuance of the First Office Action but before the
	issuance of a Final Office Action ² .

¹ The IDS should, where possible, include a certification under 37 C.F.R. §1.97(e).

² The IDS *must* include *either* à certification under 37 C.F.R. §1.97(e) *or* the fee set forth in 37 C.F.R. §1.17(p).

Appl	ication No.: 10/554,702	Docket No.: A0345.0015
	This IDS is being filed after the issuance of a Final Office Action or Notice of Allowance but before the payment of the Final Fe	
Certi	fications:	
If che	cked, the undersigned makes the following statement(s):	
	Statement under 37 CFR § 1.97(e):	
	Each item of information contained in this information disclo	sure statement was first
	cited in any communication from a foreign patent office in a c	counterpart foreign
	application not more than three months prior to the filing of t	this information disclosure
	statement; or	
	No item of information contained in this information disclosu	are statement was cited in a
	communication from a foreign patent office in a counterpart	foreign application, and, to
	the knowledge of the undersigned after making reasonable in	nquiry, no item of
	information contained in this information disclosure statemen	nt was known to any
	individual designated in § 1.56(c) more than three months pr	ior to the filing of the
	information disclosure statement.	
	Statement Under 37 C.F.R. § 1.704(d):	
	Each item of information contained in this information disclo	osure statement was cited in
	a communication from a foreign patent office in a counterpar	rt application less than
	thirty days prior to the filing of this information disclosure st	tatement.
<u>Fee I</u>	Required by 37 C.F.R. § 1.97(c)(2) or 1.97(d)(2):	
	If checked, the fee of \$180.00 set forth in 37 C.F.R. §1.17(p) is	attached.
<u></u>		
	3 m x x x x x x x x x x x x x x x x x x	and the fee set forth in 37

³ The IDS *must* include *both* a certification under 37 C.F.R. §1.97(e) *and* the fee set forth in 37 C.F.R. §1.17(p).

Application No.: 10/554,702 Docket No.: A0345.0015

Copies of Information:

A legible copy⁴ of each document (or relevant portion thereof) cited in the attached

In accordance with 37 C.F.R. §1.98(a), the following are enclosed:

A legible copy⁴ of each document (or relevant portion thereof) cited in the attached PTO/SB/08, except for U.S. patent and U.S. published applications.

With respect to any information which is not in English, a concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information, is attached. This concise explanation is provided by way of:

A translation of the relevant portions of the non-English language information⁵;

A statement explaining the relevant portions of the non-English language information;

A copy [and, where not in the English language, a translation] of at least the relevant portion(s)⁶ of the communication from a foreign patent office in a counterpart foreign application in which the information was cited; or

This information is contained in the specification of the present application.

⁴ A legible copy of the document is not required if (1) the information was previously cited by, or submitted to, the Office and considered by the Office in a prior U.S. application to which this application claims priority, provided that the prior application is properly identified in this IDS, and (2) the IDS submitted in the earlier application complies with 37 C.F.R. § 1.98(a) – (c). This exception does not apply to information cited in an International Application.

⁵ 37 C.F.R. §1.98(a)(3)(ii) *requires* that an English language translation be provided when a translation of the document, or portion thereof, "is within the possession, custody or control of, or is readily available to any individual designated in 37 C.F.R. § 1.56(c)."

⁶ The relevant portion is that portion which indicates the degree of relevance found by the foreign patent office. This may be an explanation of which portion of the of the reference is particularly relevant, to which claims it applies, or merely an "X", "Y", or "A" indication on a search report. MPEP §609 III A(3).

Application No.: 10/554,702 Docket No.: A0345.0015

In accordance with 37 C.F.R. 1.98(d), copies of the cited documents are not enclosed as they were provided in application Serial No. 10/513,103, filed October 29, 2004, which the

present application relies upon for an earlier effective filing date under 35 U.S.C. 120.

Materiality:

Whether or not the information and references disclosed in this Information Disclosure Statement is "material" pursuant to 37 CFR 1.56, this submission is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art"

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement

shall not be construed to mean that a search has been made or that no other material

information as defined in 37 CFR 1.56(a) exists.

for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR

1.98 and the Examiner is respectfully requested to consider the listed references.

In the event the actual fee is inadvertently not enclosed or if any additional fee during

the prosecution of this application is not paid, the Patent Office is authorized to charge the

underpayment to Deposit Account No. 50-2215.

Dated: March 6, 2006

Respectfully submitted,

Charles E. Miller

Registration No.: 27,576

DICKSTEIN SHAPIRO MORIN &

OSHINSKY LLP

1177 Avenue of the Americas, 41st Floor

New York, NY 10036-2714

(212) 835-1400

4

MAR 0 6 2006
Under the PARENT Reduction

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE or respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known		
Jul	Salute for form 1440/45/11	Ū		Application Number	10/554,702	
11	IFORMATION	l DI	SCLOSURE	Filing Date	October 27, 2005	
S	STATEMENT BY APPLICANT			First Named Inventor	Olivier Bezencon	
				Art Unit	N/A	
(Use as many sheets as necessary)			s necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	A0345.00165	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,380,758			
	AB	US-5,703,073			

	FOREIGN PATENT DOCUMENTS							
C	Cito	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages			
Examiner Initials*	Cite No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T [®]		
	BA	WO-97/27749	08-07-1997	Nitromed Inc.				
	BB	WO-98/19672	05-14-1998	Nitromed Inc.				
	ВС	WO-98/21193	05-22-1998	Nicox S.A.				
	BD	WO-99/00361	01-07-1999	Nicox S.A.				
	BE*	WO-97/09311				\Box		
	BF*	WO-03/093267						
	BG*	WO-04/002957						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) and/or country where published.			T ²			
	CA	Von Dietrich Jerchel, et al., "N-METHYL-OXA-GRANATOLIN," Justus Liebigs Ann. Chem., (1957), Bd. 607, pp. 126-131				
	СВ	Charles L. Zirkle, et al., "THE ISOMERIC 3-OXA-AND3-THIAGRANATANIN-7-OLS AND THEIR DERIVATIVES; REDUCTION OF BICYCLIC AMINO KETONES RELATED TO TROPINONE," Reduction of Bicyclic Amino Ketones Related to Tropinone, (1961), pp. 395-407				
	cc	Jan Epsztajn, et al., "APPLICATION OF ORGANOLITHIUM AND RELATED REAGENTS IN SYNTHESIS. PART 7 ¹ . SYNTHESIS AND METALLATION OF 4-METHOXYPICOLIN-AND 2-METHOXYISONICOTIN-ANILIDES. A USEFUL METHOD FOR PREPARATION OF 2,3,4-TRISUBSTITUTED PYRIDINES," (1989) Tetrahdron, vol. 45, pp. 7469-7476				
	CD	Shigeru Oae, et al., "ORGANIC THIONITRITES AND RELATED SUBSTANCES," Organic Preparations and Procedures Int., (1983), pp. 165-198				
	CE	Daniel L. Comins, et al., "REGIOSPECIFIC α-ALKYLATION OF 4- CHLORO(BROMO)PYRIDINE," J. Org. Chem., (1985), pp. 4410-4411				
CF* Waeber B., et al., "THE RENIN-ANGIOTENSIN SYSTEM IN E HYPERTENSION", in Berkenhager W.H. Reid J.L. (eds): Hype		Waeber B., et al., "THE RENIN-ANGIOTENSIN SYSTEM IN EXPERIMENTAL AND HUMAN HYPERTENSION", in Berkenhager W.H. Reid J.L. (eds): Hypertension, Amsterdam, Elsevier Science Publishing Co., (1996), pp. 489-519				
	CG*	CG* Weber, M.A., Am. J. Hypertens., (1992), 5, 247S				
	CH*	CH* Rosenberg, M.E., et al., Kidney International, (1994), 45, 403				
CI* Breyer, J.A., et al., Kidney International, (1994), 4		Breyer, J.A., et al., Kidney International, (1994), 45, S156				
Examine: Signature		Date Considered				



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO Application Number 10/554,702 **INFORMATION DISCLOSURE** October 27, 2005 Filing Date STATEMENT BY APPLICANT Olivier Bezencon First Named Inventor N/A Art Unit (Use as many sheets as necessary) Not Yet Assigned Examiner Name A0345.00165 2 of 2 Attorney Docket Number Sheet

CJ*	Vaughan, D.E., et al., Cardiovasc. Res., (1994), 28, 159
CK*	Fouad-Tarazi, F., et al., Am. J. Med., (1988), 84 (Suppl. 3A), 83
CL*	Pfeffer, M.A., et al., N. Engl. J. Med., (1992), 327, 669
CM*	Kleinert, H.D., Cardiovasc. Drugs, (1995), 9, 645
CN*	Husain, A., J. Hypertens, (1993), 11, 1155
CO*	Israili Z.H., et al., Annals of Internal Medicine, (1992), 117, 234
CP*	Azizi M., et al., J. Hypertens., (1994) 12, 419
CQ*	Neutel, J.M., et al., Am. Heart, (1991), 122, 1094
CR*	Rahuel, Jr., et al., Chem. Biol., (2000), 7, 493
CS*	Mealy, N.E., Drugs of the Future, (2001) 26, 1139
CT*	Oefner, C., et al., Chem. Biol., (1999), 6, 127
CU*	Marki, H.P., et al., Il Farmaco, (2001), 56, 21
CV*	Majewski, M., et al., J. Org. Chem., (1995) 60, 5825
CW*	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
	Considered
Signature	Considered

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.